ASBESTOS AWARENESS

CFAY

SAFETY

OFFICE

Introduction - ASBESTOS

WHAT IS IT?

ASBESTOS IS A FIBROUS MATERIAL

IT OCCURS NATURALLY IN MANY PARTS OF THE WORLD.

3 MAIN TYPES

CHRYSOTILE - WHITE ASBESTOS

AMOSITE - BROWN ASBESTOS

CROCIDOLITE - BLUE ASBESTOS

HEALTH RISKS

- ASBESTOS FIBRE BUNDLES CAN SPLIT WITH SMALL FINE FIBRES BREAKING AWAY.
- IF INHALED THE BODY IS ABLE TO RESIST MOST OF THE LARGE PARTICLES, *BUT FINE FIBRES*, TOO SMALL TO SEE, CAN LODGE DEEP IN THE LUNGS
- THIS CAN CAUSE THESE DISEASES:
- LUNG CANCER - USUALLY LEADS TO DEATH.
- ASBESTOSIS - AFFECTS BREATHING, LEADING TO DISABILITY, AND CAN CAUSE DEATH.
- MESOTHELIOMA - LEADS TO DEATH.....

POINTS TO NOTE

- MORE THAN 3000 PEOPLE DIE EACH YEAR OF ASBESTOS RELATED DISEASES.
- DELAY BETWEEN EXPOSURE AND ONSET OF DISEASE IS APPROXIMATELY 15 -40 YEARS.
- ALL TYPES OF ASBESOS CAN BE DANGEROUS IF INHALED.
- RISKS ARE INCREASED BY SMOKING
- THE MORE ASBESTOS FIBRES BREATHED IN, THE GREATER THE RISK TO HEALTH
- THERE IS NO CURE AT PRESENT FOR ASBESTOS RELATED DISEASES

ASBESTOS PRODUCTS

ASBESTOS CEMENT

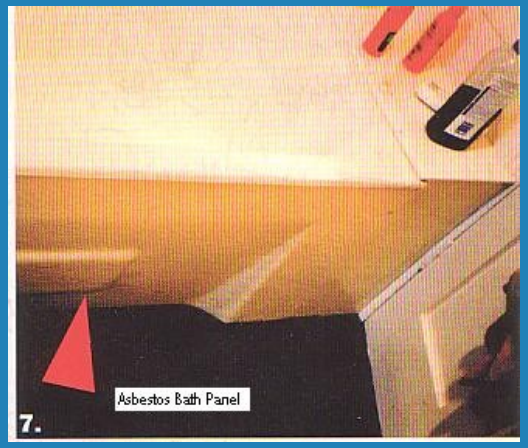
SHEETS - FLAT OR CORRUGATED
USED AS: ROOFING, WALLS, CEILINGS
PANELS/PARTITIONING, BATH
PANELS, UNDER STAIRS, DOOR-
LININGS, CLADDING TO DUCTS
FLUES - FROM BOILERS / WATER HEATERS
RAINWATER PIPES / GUTTERING

WATER STORAGE TANKS

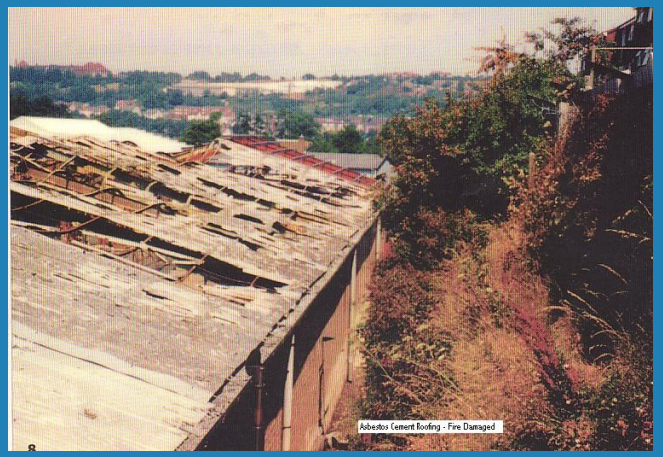
DECORATIVE PLASTER FINISHES (ARTEX)

FLOOR TILES/ ROOF TILES/ CAR PARTS (BRAKE
CLUTCH LININGS)

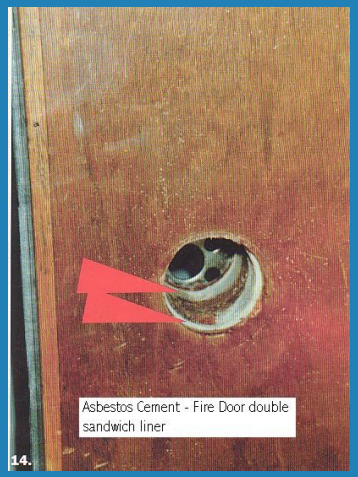
ASBESTOS PRODUCTS



Bath Panel



Corrugated Roofing



Fire Door

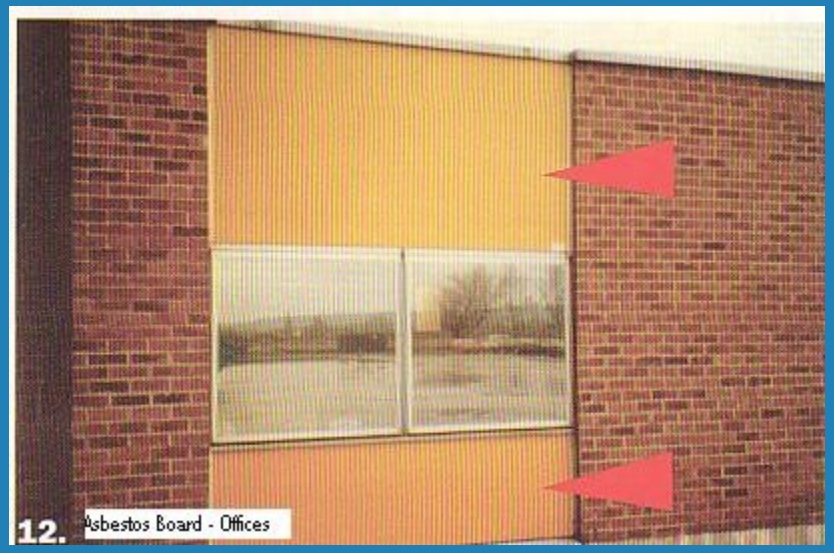
ASBESTOS PRODUCTS

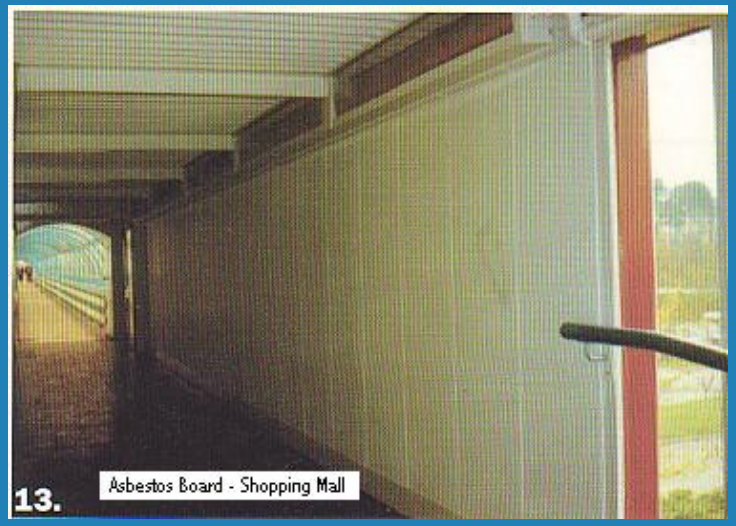
ASBESTOS INSULATING BOARD

USED AS: CEILING PANELS / TILES

- WALL PANELS/PARTITIONING
- SOFFITS - INTERNAL/EXTERNAL
- DOOR LININGS, ESPECIALLY TO FIRE DOORS, HEATING UNIT CUPBOARDS
- CLADDING TO DUCTS

ASBESTOS PRODUCTS

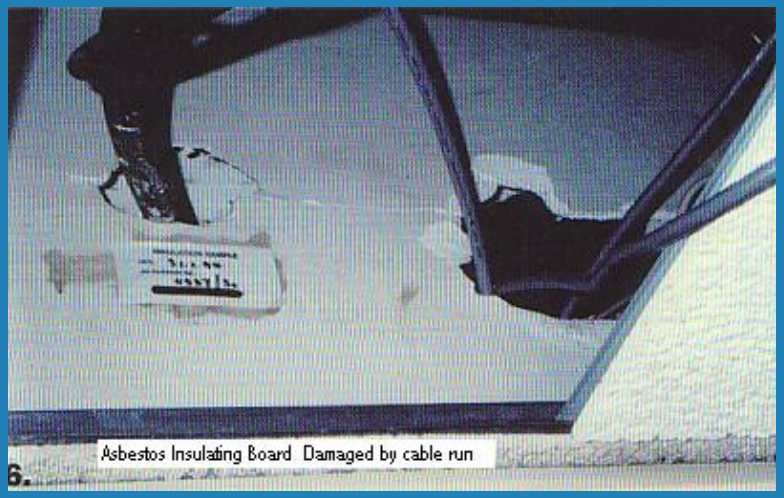


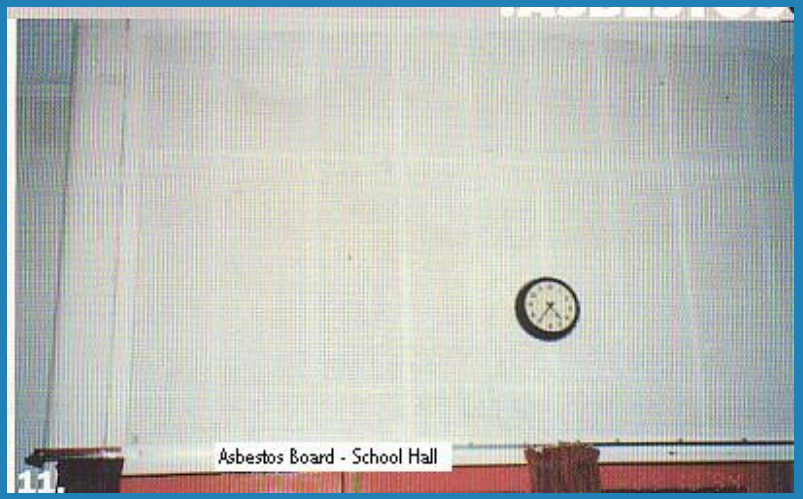


Seen in Offices and in Shopping Mall

ASBESTOS BOARD

ASBESTOS PRODUCTS





Damage caused by cableAcoustic Panel - School Ha

ASBESTOS BOARD

ASBESTOS PRODUCTS

LAGGING - TO BOILERS

PIPES

CALORIFIERS

SPRAYED COATINGS TO -

CEILINGS

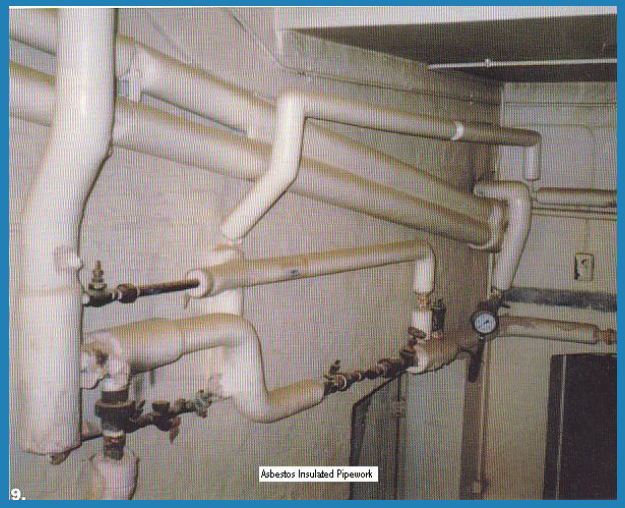
RSJ'S

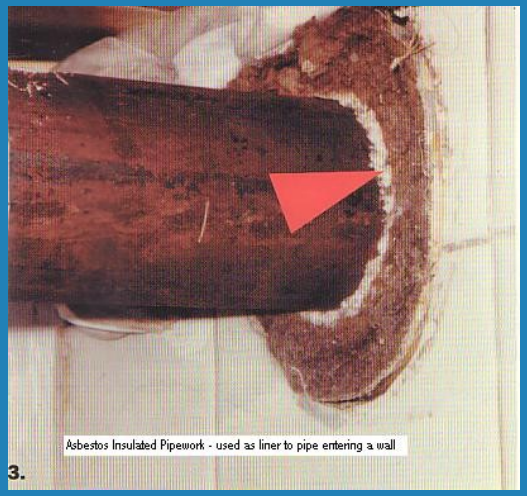
INSULATION

GASKETS

ROPE

ASBESTOS PRODUCTS





Pipe Lagging, Gaskets and Woven Asbestos

WHEN IS ASBESTOS A RISK TO HEALTH ?

- CONSIDER THE TYPE OF PRODUCT.
- HOW WELL IS THE ASBESTOS BONDED INTO IT?
- IS IT LIKELY TO CONTAIN A SMALL OR LARGE AMOUNT OF ASBESTOS ?

And, consider the condition;

- GOOD ? E.G. SEALED, PAINTED.
- DAMAGED ? EXTENT OF DAMAGE

WHEN IS ASBESTOS A RISK TO HEALTH ?

- When you find damaged materials, report it to your supervisor. Supervisor will contact CFAY Asbestos Program Manager to check if it contains asbestos and for the appropriate action if necessary.
- CFAY Asbestos Program Manager is Mr. Kamekura at 243-7239 or kamekura.aiichiro@cnrfe.navy.mil.

TRAINING

Initial and annual refresher training is required.

Copies of Asbestos Standards/Regulations are available at the CFAY Safety Office .

To get copies, Call 243-7239 or e-mail to

kamekura.aiichiro@cnrfe.navy.mil.

ASBESTOS AWARENESS

THE END OF THE PRESENTATION BUT

NOT

THE END OF BEING AWARE

ASBESTOS CAN KILL !

QUIZ

Print out this Quiz sheet , take quiz and fax to 243-6412 or mail to CFAY Code 004.

1. Asbestos is a fibrous material. a. True b. False
2. If you inhale asbestos fibre, your body is able to resist most of fine fibers (too small to see) but unable to resist the large particles. a. True b. False
3. Delay between exposure and onset of disease is approximately,
   a. Right after exposure b. 1-2 years
   c. 5-6 years d. 15-40 years
4. Only one type of asbestos (chrysotile) can be dangerous. a. True b. False
5. Risks are increased by SMOKING. a. True b. False
6. There is No Cure at present for asbestos related diseases. a. True b. False
7. List two asbestos products.
   (1)
   (2)